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Sci - [illegible]/M
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AR8 M-5156-AR8-68 (TD ASAP) R-9191-D
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From: Khimicheskoe i Neftianoe Mashinostroenie No 5, 1964, 18-22 (5 pp)

Russian - est for vds:

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RUSSIAN, bk, Khimiya i Primenenie Fosfororganicheskikh Soedinenii, (Transactions of the Second Conference November 26 - Dec 1, 1959, Academy of Sciences of the USSR).

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Order from ATS $11.50 ATS-03P66R

Trans. of mono. Khim[iya] i Primenenie Fosfororgan-[icheskikh] Soedin[enii] (Akad. Nauk SSSR, Kazansk. Filial, tr. Konf. (no. 2) 1959) [Moscow] 1962, p. 57-64.
A complete trans. of mono. is available from OTS or SLA $38.50 as 62-33349, JPRS-15432, 25 Sep 62 [1160]p.

DESCRIPTORS: *Phosphorus compounds, *Thio radicals, *Acids, *Steriochemistry, Molecular isomerism, Molecular structure, Reaction kinetics, Theory, Equations.

(Chemistry--Physical, TT, v. 9, no. 5)

63-12456

1. Title: Hammett equation
2. Title: Tautomerism
I. Mastryukova, T. A.
II. ATS-03P66R
III. Associated Technical Services, Inc., East Orange, N. J.

ATS RJ-3986

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Trans. of mono. Khim[iya] i Primenenie Fosfororganlic-heskikh] Soedin[enii] (Akad. Nauk SSSR, Kazansk. Filial, tr. Konf. (no. 2) 1959) [Moscow] 1962, p. 75-83. A complete trans. of mono. is available from OTS or SLA $38.50 as 62-33349. JPRS-15432, 25 Sep 62 [1160]p.

DESCRIPTORS: *Phosphorus acids, Imides, Molecular isomerism.

(Chemistry--Organic, TT, v. 9, no. 7)

63-12637

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ATS KT-3987

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Order from ATS $6.00 ATS-79P63R

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DESCRIPTORS: *Phosphines, Alkyl radicals, *Thio radicals, Acids, Preparation, Chemical properties.

(Chemistry--Organic, TT, v. 9, no. 5)

63-12472

I. Shipov, A. E.
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ATS RT-3988

Office of Technical Services

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Kukhtin, V. A. and Orekhova, K. M.
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Trans. of mono. Khim[iya] i Primenenie Fosfororgan[icheskikh] Soedin[enii] (Akad. Nauk SSSR, Kazanskiy Filial, tr. Konf. (no. 2) 1959) [Moscow] 1962, p. 88-93.
A complete trans. of mono. is available from OTS or SLA $38.50 as 62-33349, JPRS-15432, 25 Sep 62 [1160]p.

DESCRIPTORS: *Phosphonic acids, *Esters, Synthesis.

(Chemistry--Organic, TT, v. 9, no. 1)

63-12286

1. Title: Arbuzov rearrangement
I. Kukhtin, V. A.
II. Orekhova, K. M.
III. ATS-80P63R
IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

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Razumov, A. I. and Bankovskaya, N. N.
SOME REACTIONS OF THE INTERMEDIATE PRODUCTS OF THE ARBUZOV REARRANGEMENT. [1962]
6p.
Order from ATS $7.75 ATS-81P63R

Trans. of mono. Khim[iya] i Primenenie Fosfororgan[icheskikh] Soedin[enii] (Akad. Nauk SSSR, Kazansk Filial, tr. Konf. (no. 2) 1959) [Moscow] 1962, p. 94-98.
A complete trans. of mono. is available from OTS or SLA $38.50 as 62-33349, JPRS-15432, 25 Sep 62[116]p.

DESCRIPTORS: *Phosphonic acids, *Esters, Synthesis, Chemical reactions.

(Chemistry--Organic, TT, v. 9, no. 1)

63-12284

1. Title: Arbuzov rearrangement
I. Razumov, A. I.
II. Bankovskaya, N. N.
III. ATS-81P63R
IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

Abramov, V. S.
STRUCTURE AND REACTIVITY OF DIALKYL PHOSPHONATES. [1962] 8p.
Order from ATS $10.75 ATS-82P63R

Trans. of mono. Khim[iya] i Primenenie Fosfororganicheskikh Soedinenii (Akad. Nauk SSSR, Kazansk. Filial, tr. Konf. (no. 2) 1959) [Moscow] 1962, p. 105-111.
A complete trans. of mono. is available from OTS or SLA $38.50 as 62-33349, JPRS-15432, 25 Sep 62 [1160]p.

DESCRIPTORS: *Phosphorus compounds, *Alkyl radicals, Molecular structure, Chemical reactions.

(Chemistry--Organic, TT, v. 9, no. 5)

63-12471

I. Abramov, V. S.
II. ATS-82P63R
III. Associated Technical Services, Inc., East Orange, N. J.

ATS PT-3992

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

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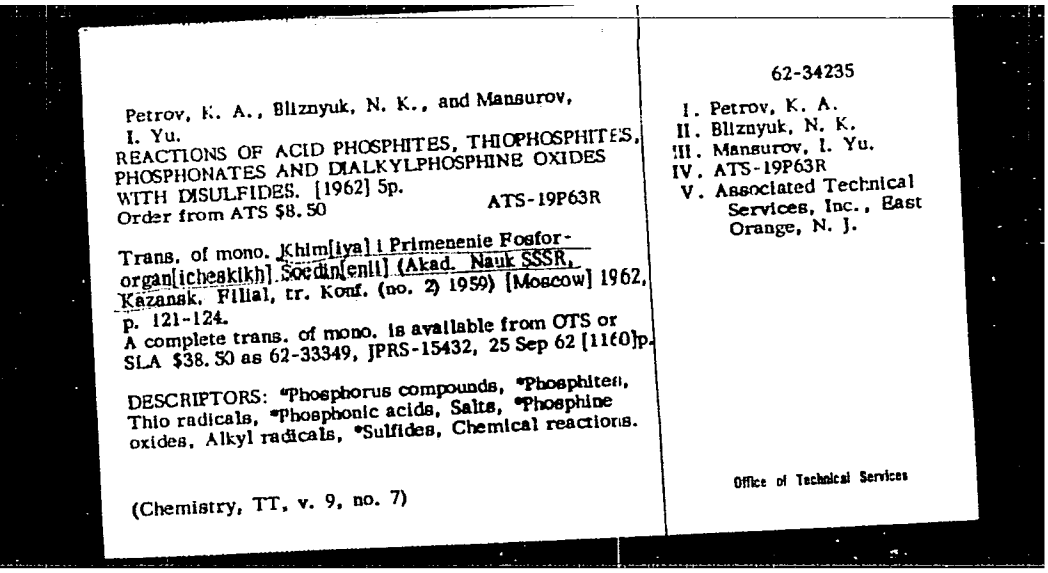

Petrov, K. A., Bliznyuk, N. K., and Mansurov, I. Yu.
REACTIONS OF ACID PHOSPHITES, THIOPHOSPHITES, PHOSPHONATES AND DIALKYLPHOSPHINE OXIDES WITH DISULFIDES. [1962] 5p.
Order from ATS $8.50 ATS-19P63R

Trans. of mono. Khim[iya] i Primenenie Fosfor-organ[icheskikh] Soedin[enii] (Akad. Nauk SSSR, Kazansk. Filial, tr. Konf. (no. 2) 1959) [Moscow] 1962, p. 121-124.
A complete trans. of mono. is available from OTS or SLA $38.50 as 62-33349, JPRS-15432, 25 Sep 62 [116O]p.

DESCRIPTORS: *Phosphorus compounds, *Phosphites, Thio radicals, *Phosphonic acids, Salts, *Phosphine oxides, Alkyl radicals, *Sulfides, Chemical reactions.

(Chemistry, TT, v. 9, no. 7)

62-34235

I. Petrov, K. A.
II. Bliznyuk, N. K.
III. Mansurov, I. Yu.
IV. ATS-19P63R
V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

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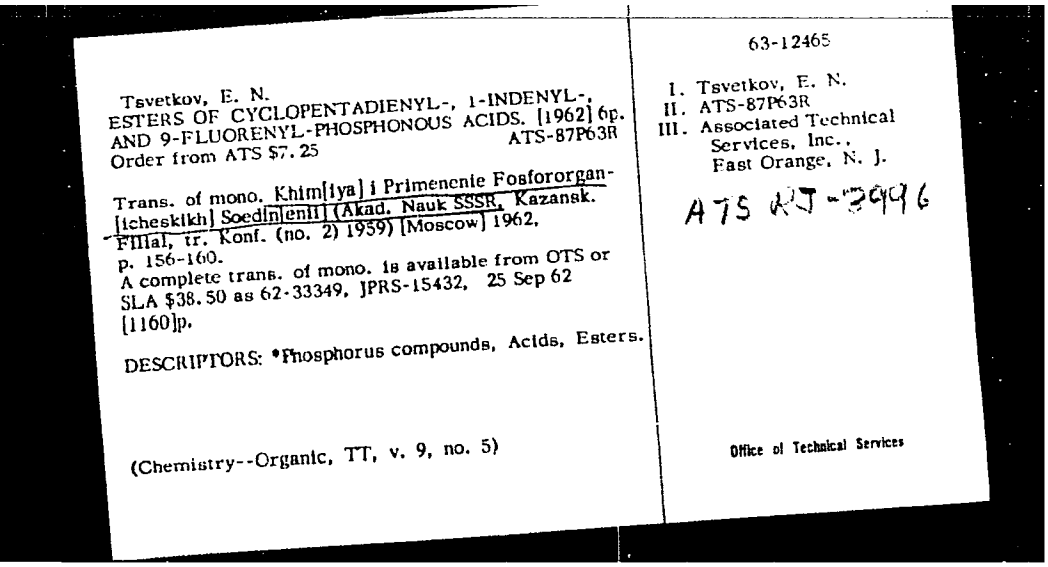

Tsvetkov, E. N.
ESTERS OF CYCLOPENTADIENYL-, 1-INDENYL-, AND 9-FLUORENYL-PHOSPHONOUS ACIDS. [1962] 6p.
Order from ATS $7.25 ATS-87P63R

Trans. of mono. Khim[iya] i Primenenie Fosfororgan-[icheskikh] Soedin[enii] (Akad. Nauk SSSR, Kazansk. Filial, tr. Konf. (no. 2) 1959) [Moscow] 1962, p. 156-160.
A complete trans. of mono. is available from OTS or SLA $38.50 as 62-33349, JPRS-15432, 25 Sep 62 [1160]p.

DESCRIPTORS: *Phosphorus compounds, Acids, Esters.

(Chemistry--Organic, TT, v. 9, no. 5)

63-12465

I. Tsvetkov, E. N.
II. ATS-87P63R
III. Associated Technical Services, Inc., East Orange, N. J.

ATS RJ-3496

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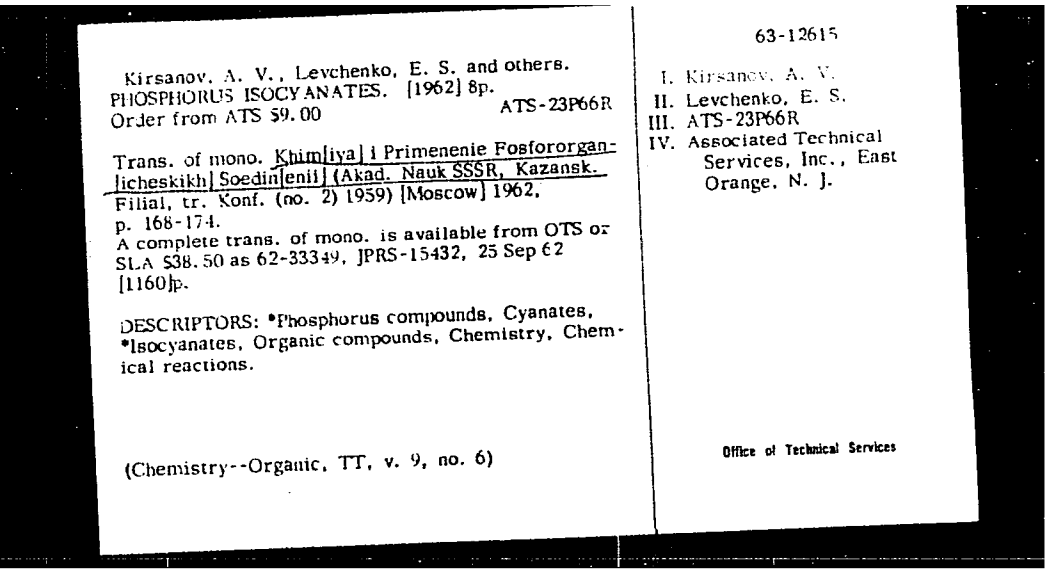

Kirsanov, A. V., Levchenko, E. S. and others.
PHOSPHORUS ISOCYANATES. [1962] 8p.
Order from ATS 59.00 ATS-23P66R

Trans. of mono. Khim[iya] i Primenenie Fosfororganicheskikh Soedin[enii] (Akad. Nauk SSSR, Kazansk. Filial, tr. Konf. (no. 2) 1959) [Moscow] 1962, p. 168-174.
A complete trans. of mono. is available from OTS or SLA $38.50 as 62-33349, JPRS-15432, 25 Sep 62 [1160]p.

DESCRIPTORS: *Phosphorus compounds, Cyanates, *Isocyanates, Organic compounds, Chemistry, Chemical reactions.

(Chemistry--Organic, TT, v. 9, no. 6)

63-12615

I. Kirsanov, A. V.
II. Levchenko, E. S.
III. ATS-23P66R
IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

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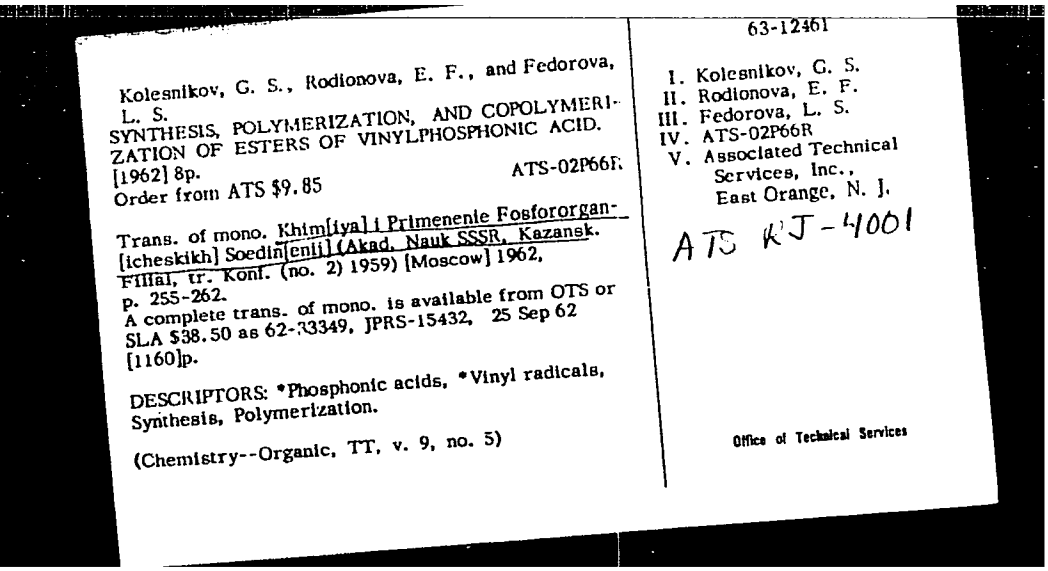

Kolesnikov, G. S., Rodionova, E. F., and Fedorova, L. S.
SYNTHESIS, POLYMERIZATION, AND COPOLYMERIZATION OF ESTERS OF VINYLPHOSPHONIC ACID.
[1962] 8p.
Order from ATS $9.85 ATS-02P66R

Trans. of mono. Khimiya i Primenenie Fosfororganicheskikh Soedinenii (Akad. Nauk SSSR, Kazansk. Filial, tr. Konf. (no. 2) 1959) [Moscow] 1962, p. 255-262.
A complete trans. of mono. is available from OTS or SLA $38.50 as 62-33349, JPRS-15432, 25 Sep 62 [1160]p.

DESCRIPTORS: *Phosphonic acids, *Vinyl radicals, Synthesis, Polymerization.

(Chemistry--Organic, TT, v. 9, no. 5)

63-12461

I. Kolesnikov, G. S.
II. Rodionova, E. F.
III. Fedorova, L. S.
IV. ATS-02P66R
V. Associated Technical Services, Inc., East Orange, N. J.

ATS KJ-4001

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

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Andreeva, M. A., Gribova, I. A. and others.
SOME ROUTES FOR THE SYNTHESIS OF NEW ORGANOPHOSPHORUS MONOMERS AND POLYMERS.
[1962] 9p.
Order from ATS $12.00 ATS-97P63R

Trans. of mono. Khim[iya] i Primenenie Fosfororgan[icheskikh] Soedin[enii] (Akad. Nauk SSSR. Kazansk. Filial, tr. Konf. (no. 2) 1959) [Moscow] 1962, p. 263-271.
A complete trans. of mono. is available from OTS or SLA $38.50 as 62-33349, JPRS-15432, 25 Sep 62 [1160]p.

DESCRIPTORS: *Organic compounds, *Phosphorus compounds, *Polymers, Synthesis.

(Chemistry--Organic, TT, v. 9, no. 6)

63-12639

I. Andreeva, M. A.
II. Gribova, I. A.
III. ATS-97P63R
IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

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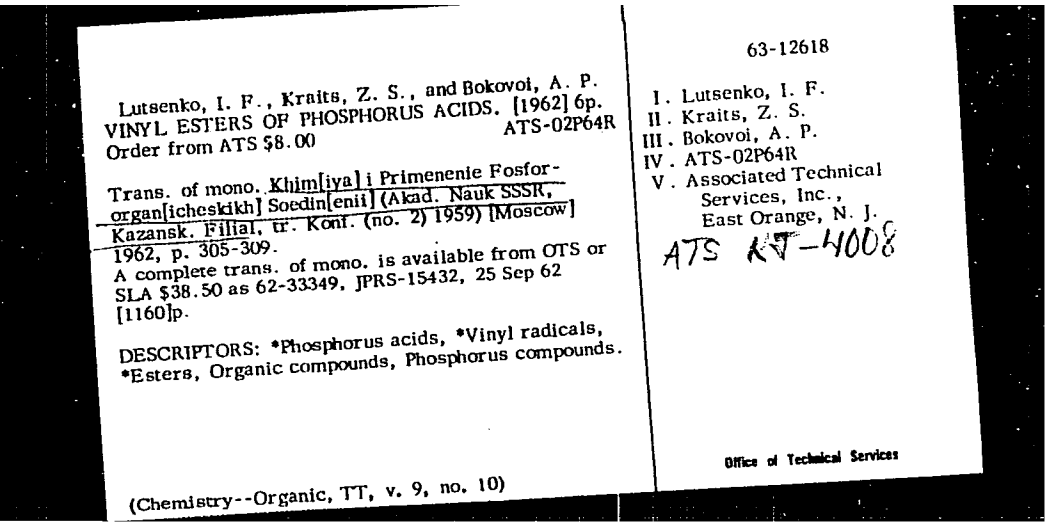

Lutsenko, I. F., Kraits, Z. S., and Bokovoi, A. P.
VINYL ESTERS OF PHOSPHORUS ACIDS. [1962] 6p.
Order from ATS $8.00 ATS-02P64R

Trans. of mono. Khim[iya] i Primenenie Fosfor-organ[icheskikh] Soedin[enii] (Akad. Nauk SSSR, Kazansk. Filial, tr. Konf. (no. 2) 1959) [Moscow] 1962, p. 305-309.
A complete trans. of mono. is available from OTS or SLA $38.50 as 62-33349, JPRS-15432, 25 Sep 62 [1160]p.

DESCRIPTORS: *Phosphorus acids, *Vinyl radicals, *Esters, Organic compounds, Phosphorus compounds.

(Chemistry--Organic, TT, v. 9, no. 10)

63-12618

I. Lutsenko, I. F.
II. Kraits, Z. S.
III. Bokovoi, A. P.
IV. ATS-02P64R
V. Associated Technical Services, Inc., East Orange, N. J.

ATS KT-4008

Office of Technical Services

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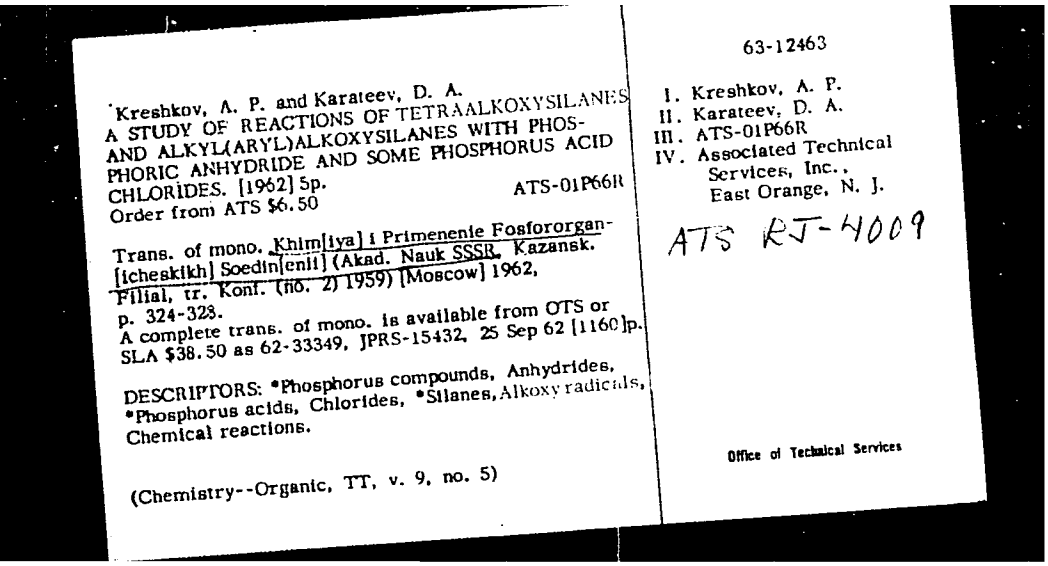

Kreshkov, A. P. and Karateev, D. A.
A STUDY OF REACTIONS OF TETRAALKOXYSILANES AND ALKYL(ARYL)ALKOXYSILANES WITH PHOSPHORIC ANHYDRIDE AND SOME PHOSPHORUS ACID CHLORIDES. [1962] 5p. ATS-01P66R
Order from ATS $6.50

Trans. of mono. Khim[iya] i Primenenie Fosfororgan-[icheskikh] Soedin[enii] (Akad. Nauk SSSR, Kazansk. Filial, tr. Konf. (no. 2) 1959) [Moscow] 1962, p. 324-328.
A complete trans. of mono. is available from OTS or SLA $38.50 as 62-33349, JPRS-15432, 25 Sep 62 [116O]p.

DESCRIPTORS: *Phosphorus compounds, Anhydrides, *Phosphorus acids, Chlorides, *Silanes, Alkoxy radicals, Chemical reactions.

(Chemistry--Organic, TT, v. 9, no. 5)

63-12463

I. Kreshkov, A. P.
II. Karateev, D. A.
III. ATS-01P66R
IV. Associated Technical Services, Inc., East Orange, N. J.

ATS RJ-4009

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

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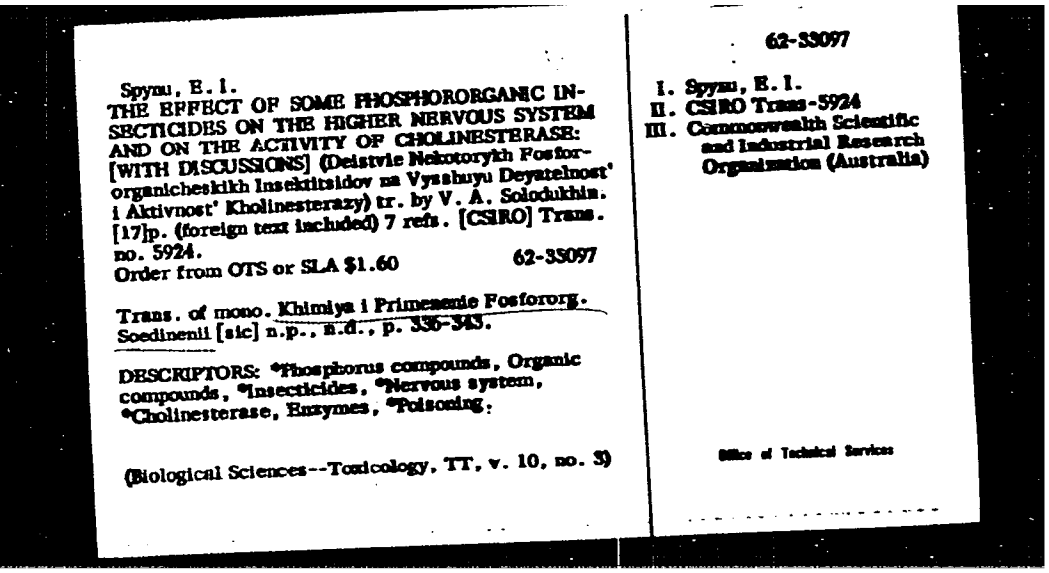

Spynu, E. I.
THE EFFECT OF SOME PHOSPHORORGANIC INSECTICIDES ON THE HIGHER NERVOUS SYSTEM AND ON THE ACTIVITY OF CHOLINESTERASE: [WITH DISCUSSIONS] (Deistvie Nekotoryth Fosfororganicheskikh Insektitsidov na Vysshuyu Deyatelnost' i Aktivnost' Kholinesterazy) tr. by V. A. Solodukhin. [17]p. (foreign text included) 7 refs. [CSIRO] Trans. no. 5924.
Order from OTS or SLA $1.60 62-33097

Trans. of mono. Khimiya i Primenenie Fosfororg. Soedinenii [sic] n.p., n.d., p. 336-343.

DESCRIPTORS: *Phosphorus compounds, Organic compounds, *Insecticides, *Nervous system, *Cholinesterase, Enzymes, *Poisoning.

(Biological Sciences--Toxicology, TT, v. 10, no. 3)

62-33097

I. Spynu, E. I.
II. CSIRO Trans-5924
III. Commonwealth Scientific and Industrial Research Organization (Australia)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

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Sanin, P. I., Shepeleva, E. S., and Kleimenov, B. V. ORGANOPHOSPHORUS COMPOUNDS CONTAINING THE TRICHLOROMETHYL GROUP AS ADDITIVES TO LUBRICATING OILS. [1962] 7p.
Order from ATS $8.00 ATS-00P66R

Trans. of mono. Khimiya i Primenenie Fosfororganicheskikh Soedinenii (Akad. Nauk SSSR, Kazansk. Filial, tr. Konf. (no. 2) 1959) [Moscow] 1962, p. 389-394.
A complete trans. of mono. is available from OTS or SLA $38.50 as 62-33349, JPRS-15432, 25 Sep 62 [1160]p.

DESCRIPTORS: *Lubricants, Oils, *Additives, *Phosphorus compounds, Methyl radicals, Chlorides.

(Materials--Lubricants, TT, v. 9, no. 5)

63-12460

I. Sanin, P. I.
II. Shepeleva, E. S.
III. Kleimenov, B. V.
IV. ATS-00P66R
V. Associated Technical Services, Inc., East Orange, N. J.

ATS RJ-4011

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

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Frankov, I. A.
COMPARATIVE DATA ON THE ANTICHOLINESTERASE ACTIVITY AND TOXICITY OF SOME ORGANOPHOSPHORUS COMPOUNDS. [1962] 11p.
Order from ATS $12.50 ATS-89P65R

Trans. of mono. Khimiya i Primenenie Fosfororganicheskikh Soedinenii Kad. Nauk SSSR, Kazansk. Filial, tr. Konf. (no. 2) 1959) [Moscow] 1962, p. 43 p. 443-452.
A complete trans. of mono. is available from OTS or SLA 538.50 as 62-33349, JPRS-15432, 25 Sep 62[1160]p.

DESCRIPTORS: Organic compounds, *Phosphorus compounds, *Cholinesterase, Toxicity.

(Chemistry--Organic, TT, v. 9, no. 7)

63-12648

I. Frankov, I. A.
II. ATS-89P65R
III. Associated Technical Services, Inc., East Orange, N. J.

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

Zaugol'nikov, S. D.
THE TOXICOLOGY OF ORGANOPHOSPHORUS COMPOUNDS. [1962] 5p.
Order from ATS $9.75 ATS-08P64R

Trans. of mono. Khim[iya] i Primenenie Fosfororgan[icheskikh] Soedin[enii] (Akad. Nauk SSSR, Kazansk Filial, tr. Konf. (no. 2) 1959) [Moscow] 1962, p. 480-484.
A complete trans. of mono. is available from OTS or SLA $38.50 as 62-33349, JPRS-15432, 25 Sep 62[1160]p.

DESCRIPTORS: *Organic compounds, *Phosphorus compounds, *Toxicity.

(Biological Sciences--Toxicology, TT, v. 9, no. 2)

62-34170

I. Zaugol'nikov, S. D.
II. ATS-0864R
III. Associated Technical Services, Inc., East Orange, N. J.

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

Chemistry of Synthetic Resins, by I. P. Losev, G. S. Petrov, [redacted]

RUSSIAN, bk, Khimiya iskusstvennykh smol, publ by State Publ House of Sci-Tech Literature on Chemistry, 1951, 432 pp.

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Scientific - Chemistry Apr 54 CTS

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Chemical Current Sources; Manual,
by Martin Avetisovich Dasoyan.
RUSSIAN, bk, Khimicheskiye Istochniki
Toka; Spravochnoye Posobiye, Moscow,
1961.
~~FTD-HT-65-454~~
*FTD-TT-66-7

Sci - Chem
Oct 65

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

The Effect of Isotopy on the Rate of Chemical Reactions, by A. I. Brodskiy, 4 pp.

RUSSIAN, bk, Khimiya Isotopov, 1952, Encl to SIR-2635, AFOIN-1A1.

AID/Apr: 57

Sci - Chemistry 50,771

Aug 57

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

Surface Catalysis: Ortho-Para Conversions, by A. I. Brodskiy, 5 pp.

RUSSIAN, bk, Khimiya Izotopov, 1953, pp 282-284, Encl to SR-2652, AFOIN-1A1.

AID/Apr 57

50,770

Sci - Chemistry
Aug 57

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

The Production of Phosphonitrile Chloride, by S. M. Zhivukhin. RUSSIAN, per, Khimicheskaya Promyshlennost, No 1, 1962, pp 19-23 NTC 72-11377-07A

June 72

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

The Preparation of the Hydroperoxides of Alkylaromatic Hydrocarbons and Their Initiating Properties in the Copolymerization of Butadiene With Styrene, by S. V. Zavgorodnii.
RUSSIAN, per, Khimicheskaya Promyshlennost, Vol 38, No 3, 1962, pp 181-185.
NTC 72-10843-07C

Apr 72

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

Wear-Resistant Catalyst for the Conversion of Methanol Into Formaldehyde in a Fluidized Bed, by I. P. Mukhlenov.
RUSSIAN, per, Khimicheskaya Promyshlennost, No 11, 1963, pp 847-849
NTC 72-11607-07A

June 72

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

An Automatic System for Measuring the Electrical Conductivity of Solutions Used in the Manufacture of Alumina, by R. B. Popov.
RUSSIAN, per, Khim Prom, Inform Nauk-tekhn Zb,
No 2, 1964, pp 45-47.
ATS-WJ-5271

Sci-Materials
Mar 70

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

Investigations into Ammonia-Carbon Dioxide Equilibria over Aqueous Boron-Glycerin Solutions, by V. M. Kozin, et al.
RUSSIAN, per, Khimichna Promyslovist Ukraini, No 2, 1963, pp 10-14.
NTC 71-13917-07D

Feb 72

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

Smelting of Copper Concentrates in a Horizontal Cyclone Furnace, by
V. Velev.
RUSSIAN, per, Khimiko-Tekhnologicheskii Institut. Sofia. Godishnik, Vol 11, No 3, 1964, pp 103-109.
NTC 72-10214-07A

Apr 72

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

AEC (4)(RFP-Trans-92) (5)THERMODYNAMIC STUDY OF BINARY SYSTEMS FORMED BY FERROUS AND FERRIC CHLORIDE WITH THE CHLORIDES OF A FEW RARE EARTH ELEMENTS. (6)Novikov, G. I.; Baev, A. K.; Polyachenok, O. G. (10)Translated for Dow Chemical Co., Rocky Flats Div., from (11)pp 63-7 of Khimiya Redkikh Elementov, Izd-vo Leningrad Univ., Leningrad, 1964. (20)7p. (24)Dep. NTIS.

(26)chemistry (physical); translations (27)07D

(28)MN-4 (29)P NSA

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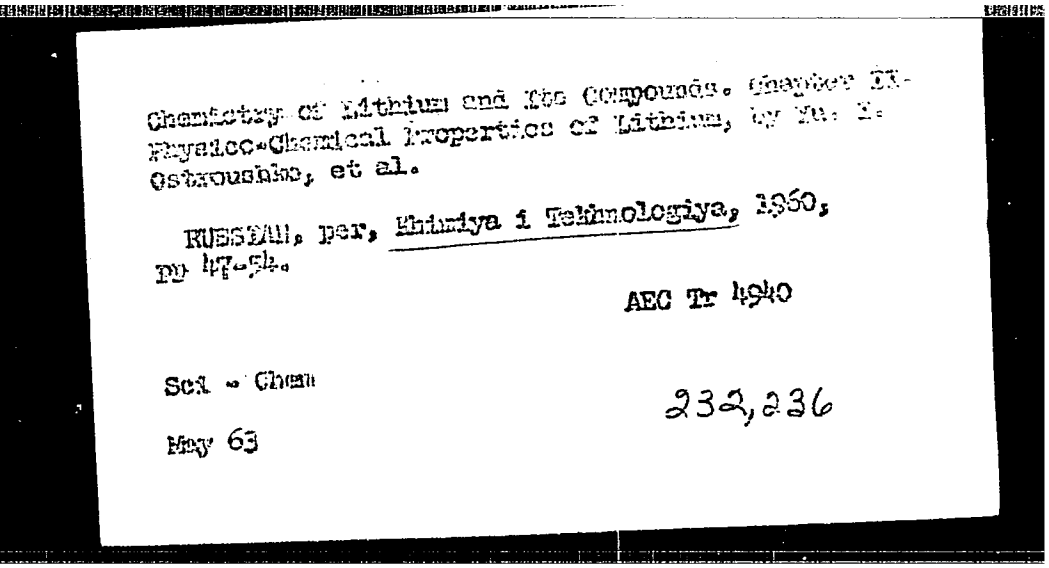

Chemistry of Lithium and Its Compounds. Chapter IX. Physico-Chemical Properties of Lithium, by M. S. Ostroushko, et al.

RUSSIAN, per, Khimiya i Tekhnologiya, 1960, pp 147-54.

AEC Tr 4940

Sci - Chem

May 63

232,236

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830045-5

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The Chemistry and Technology of High Explosives, by Ye. Yu. Orlova, 752 pp.

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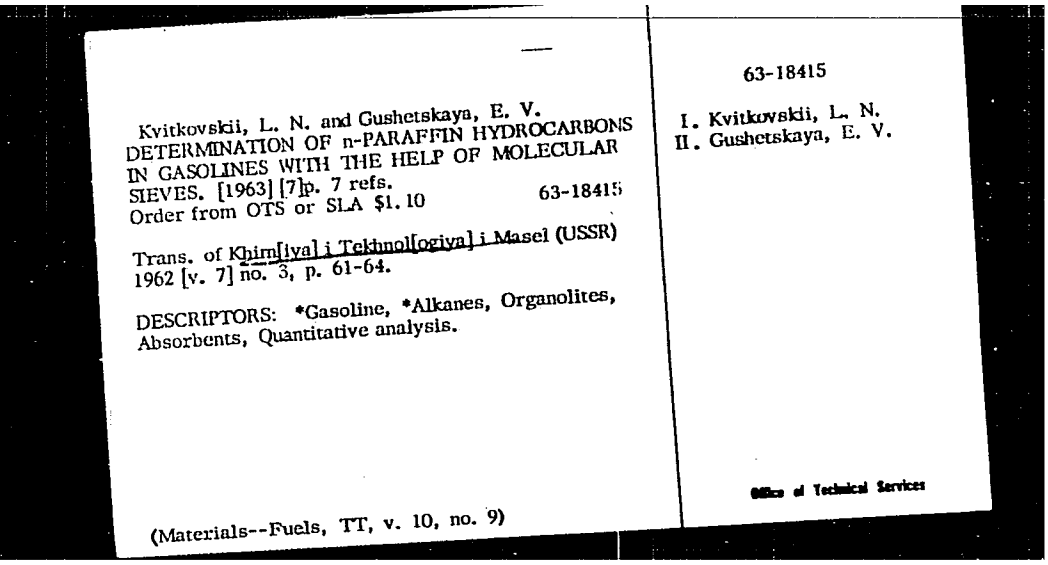

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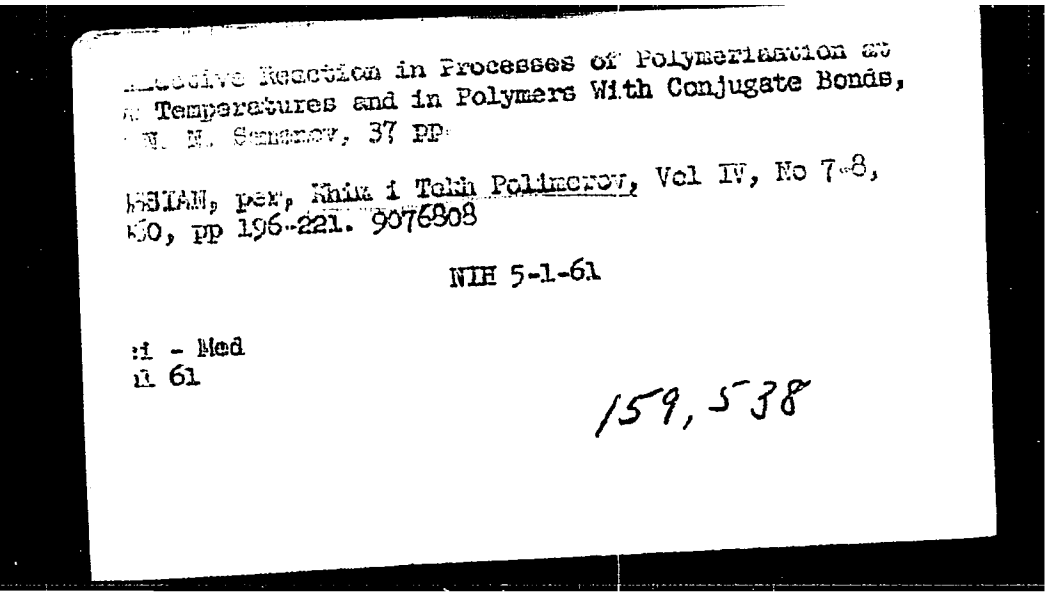

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DESCRIPTORS: *Polymers, Synthesis, Physical properties, *Vinyl radicals, *Acetylenes, Polymerization.

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DESCRIPTORS: *Cellulose, *Saccharides, *Polymers, Synthesis, Copolymerization, Cellulose esters, Cellulose chemistry, Physical properties.

(Chemistry--Organic, TT, v. 6, no. 10)

61-16599

1. Title: Graft copolymers
2. Title: Block copolymers
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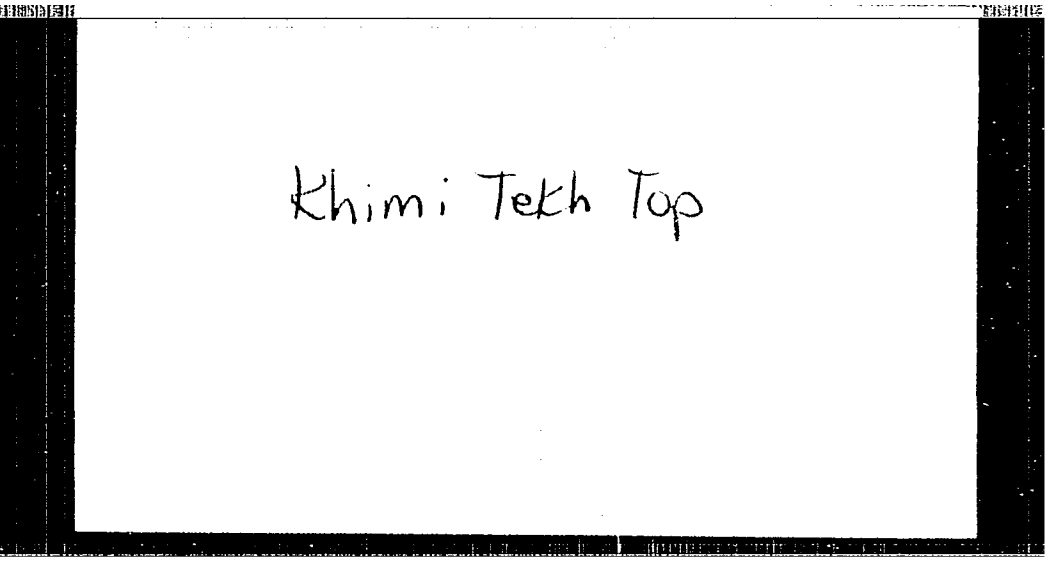

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